

NRC FORM 114
(5-00)
NRCM 4108

U.S. NUCLEAR REGULATORY COMMISSION

CAREER OPPORTUNITY ANNOUNCEMENT

DO NOT REMOVE POSTING

AN EQUAL OPPORTUNITY EMPLOYER. CANDIDATES WILL BE CONSIDERED WITHOUT DISCRIMINATION FOR ANY NONMERIT REASON SUCH AS RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, POLITICAL AFFILIATION, MARITAL STATUS, PHYSICAL OR MENTAL HANDICAPS, AGE, OR MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

POSITION TITLE Reliability & Risk Engr/Anlys		ANNOUNCEMENT NUMBER 0053008	DATES: OPENING 05/01/00	CLOSING: (Close of business) O-U-F	EXPIRATION (If or "Open Unit Filled" vacancies remove posting on this date) 09/01/00
SERIES 0801 1515	GRADE GG-09/11/12/13	KNOWN PROMOTION POTENTIAL TO GG-13	AREA OF CONSIDERATION <input checked="" type="checkbox"/> NATIONWIDE <input type="checkbox"/> WASHINGTON, DC COMMUTING AREA <input type="checkbox"/> REGION COMMUTING AREA <input type="checkbox"/> OTHER		TYPE OF POSITION <input checked="" type="checkbox"/> BARGAINING UNIT <input checked="" type="checkbox"/> FULL TIME <input checked="" type="checkbox"/> PERMANENT APPOINTMENT INCUMBENT IS SUBJECT TO RANDOM DRUG TESTING <input type="checkbox"/> NONBARGAINING UNIT <input type="checkbox"/> PART TIME <input type="checkbox"/> TEMPORARY APPOINTMENT <input type="checkbox"/> NOT TO EXCEED
ORGANIZATION/LOCATION Office of Nuclear Regulatory Research Division of Risk Applications and Analysis Operating Experience Risk Analysis Branch			NAME OF IMMEDIATE SUPERVISOR Patrick Baranowsky		
DUTY LOCATION Rockville, MD		TRAVEL REQUIREMENTS Minimal			

APPLICATION INSTRUCTIONS: COMPLETE AND SUBMIT THE FOLLOWING TO THE ADDRESS SPECIFIED AT THE BOTTOM OF THIS PAGE. (Use the Vacancy Announcement Number in all correspondence.)

1. AN UPDATED (SH-1) PERSONAL QUALIFICATIONS STATEMENT OR APPLICATION FOR GOVERNMENT EMPLOYMENT OR RESUME
2. AN NRC FORM 115, VACANCY APPLICATION STATUS NOTICE (NRC applicants only);
3. A COPY OF YOUR CURRENT PERFORMANCE APPRAISAL OR A SIGNED STATEMENT THAT IT IS NOT AVAILABLE.
4. NRC APPLICANTS (ONLY): FOUR COPIES OF APPLICATION MATERIALS REQUESTED.
5. THE NRC IS A ZERO TOLERANCE AGENCY WITH RESPECT TO ILLEGAL DRUG USE.
6. OTHER (Specify): **SEE NOTE**

NOTICE: APPLICATIONS MAY BE REFERRED TO THE RATING ENTITY A MINIMUM OF SIXTYFIVE (65) CALENDAR DAYS AFTER OPENING DATE.

NONBARGAINING UNIT POSITIONS ONLY. CANDIDATES WHOSE PRESENT PROMOTION POTENTIAL DOES NOT EXCEED THE POTENTIAL OF THIS VACANCY MAY NOT BE SUBJECT TO RATING PROCEDURES AND MAY BE REFERRED DIRECTLY TO THE SELECTING OFFICIAL.

DUTIES OF POSITION (If this position is announced at multiple grade levels, these duties describe the full performance level; at lower grade levels the duties may vary slightly and will be performed under somewhat closer supervision.)

Incumbent is responsible for assisting, performing and coordinating the analysis and evaluation of operating experience for systems and components in nuclear power plants.

INTERDISCIPLINARY: Engineering, physical science, research or a related field of study

QUALIFICATIONS REQUIRED (If the position is announced at multiple grade levels, these qualifications describe the full performance level, unless otherwise specified. The position description, immediate supervisor, and/or NRC Manual chapter and Appendix 4108 can be consulted for more detailed qualification requirements and/or interpretation of qualifying experience.)

Candidates may meet the basic qualifications required by:

- (1) Having at least one year of experience at the next lower grade level in the occupational series listed above or in another series performing similar or like duties; OR
- (2) Possessing knowledge of the theory, principles, and practices in a

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RATING FACTORS (Applicants are strongly encouraged to submit a statement addressing the Rating listed below.)

APPLICANTS MUST ADDRESS THE RATING FACTORS LISTED BELOW

Applicants for GG-12 or GG-13 position must address the following rating factors:

1. Knowledge and experience in the design and operation of nuclear power plant design, operation and safety.

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FOR ADDITIONAL INFORMATION CONTACT

Jude Himmelberg

Email: JVH

Mail Stop: T2D32

TELEPHONE

AREA CODE
301

NUMBER
415-6974

SEND APPLICATION MATERIALS TO:

<input checked="" type="checkbox"/> Human Resources Services & Operations Office of Human Resources U.S. Nuclear Regulatory Commission Washington, D.C. 20555	<input type="checkbox"/> Region I Personnel Officer U.S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406	<input type="checkbox"/> Region II Personnel Officer U.S. Nuclear Regulatory Commission 61 Forsyth Street, SW (23785) Atlanta, GA 30303	<input type="checkbox"/> Region III Personnel Officer U.S. Nuclear Regulatory Commission 801 Warrenville Road Lisle, IL 60532	<input type="checkbox"/> Region IV Personnel Officer U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011
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QUALIFICATIONS REQUIRED - CONTINUED

field of engineering, physical science, research or a related major field of study, or equivalent combination of education, training, and experience.

Candidates at the GG-12/13 levels must also have specialized experience which demonstrates knowledge of probabilistic risk analysis.

RATING FACTORS - CONTINUED

(EXAMPLE: Describe work experience, training, or other activities that indicate your knowledge of safety requirements; accident analysis of major reactor; engineered safety feature; balance of plant and auxiliary systems of commercial nuclear power plants.)

2. Demonstrated knowledge and experience in probabilistic risk assessment, reliability and statistics methods.

(EXAMPLE: Describe specific work experience, education and training which demonstrates your knowledge of reliability and statistics methods and their application relevant to performing reliability analyses and risk assessments of nuclear power plants. Cite examples of specific course work or studies you have performed, papers presented, and references that indicate your experience.)

3. Ability to analyze and formulate sound technical issues, particularly those involving significant safety concerns.

(EXAMPLE: Describe specific training, education, and experience that demonstrate your ability to analyze a variety of technical data, problems or conditions and make determinations as to the safety of the equipment, facility or operations.)

4. Ability to communicate, both orally and in writing, complex technical issues.

(EXAMPLE: Describe technical presentations that you have made, technical meetings you have coordinated, and written material you have originated. Describe the purpose, audience, and outcome of your written and oral communications. Describe work assignments that demonstrate your ability to communicate technical objectives, results, and findings of research studies and programs.)

APPLICANTS FOR THE GG-09 OR GG-11 POSITION MUST ADDRESS THE FOLLOWING RATING FACTORS:

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RATING FACTORS - CONTINUED

1. Knowledge of the design and operation of nuclear power plant design, operation and safety)

(EXAMPLE: Describe training, education or other activities that indicate your knowledge of safety requirements; accident analysis of major reactor; engineered safety feature; balance of plant and auxiliary systems of commercial nuclear power plants. Cite examples of specific course work or studies you have performed.)

2. Knowledge of probabilistic risk assessment, reliability and statistics methods.

(EXAMPLE: Describe your education, training, or other activities that indicate your understanding of reliability and statistics methods and their application relevant to performing reliability analyses and risk assessments of nuclear power plants. Cite examples of specific course work or studies you have performed, papers presented)

3. Ability to communicate technical issues, both orally and in writing.

(EXAMPLE: Describe technical presentations that you have made or written material you have originated. Describe the purpose, audience, and outcome of your written and oral communications.)

NOTE: Breadth, recency and length of experience in the field; training, awards, and commendations; past and current performance; and community or outside professional activities will be considered as they relate to each of the above factors to determine the level of knowledge, skill or ability of candidates.

PLEASE SUBMIT RESUME, SF-171, OR OF-612; MOST RECENT PERFORMANCE APPRAISAL OR STATEMENT ADDRESSING WHY YOU DO NOT HAVE A PERFORMANCE APPRAISAL; AND STATEMENT ADDRESSING RATING FACTORS TO:

U.S. Nuclear Regulatory Commission
Office of Human Resources
ATTN: Jude Himmelberg Mail Stop: T-2D-32
Washington, D.C. 20555

NOTE:

PLEASE PROVIDE SALARY HISTORY WITH YOUR APPLICATION

PLEASE SUBMIT FOUR COPIES OF YOUR APPLICATION

CURRENT/REINSTATEMENT ELIGIBLE FEDERAL EMPLOYEES WITH STATUS (TENURE GROUP 1 OR 2) WILL BE CONSIDERED THROUGH MERIT PROMOTION PROCEDURES UNDER

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RATING FACTORS - CONTINUED

THIS ANNOUNCEMENT AND MUST SUBMIT A COPY OF YOUR MOST RECENT SF-50 (NOTIFICATION OF PERSONNEL ACTION) TO VERIFY COMPETITIVE STATUS OR REINSTATEMENT ELIGIBILITY. PLEASE NOTE: NRC EMPLOYEES DO NOT HAVE TO SUBMIT AN SF-50. STATUS APPLICANTS, BOTH NRC EMPLOYEES AND OTHER, WHO WISH TO BE CONSIDERED UNDER BOTH MERIT PROMOTION AND COMPETITIVE PROCEDURES MUST SUBMIT TWO COMPLETE APPLICATION PACKAGES. IF ONLY ONE APPLICATION IS RECEIVED, IT WILL BE CONSIDERED UNDER THE MERIT PROMOTION ANNOUNCEMENT ONLY.

VETERANS WHO ARE PREFERENCE ELIGIBLES OR WHO HAVE BEEN SEPARATED FROM THE ARMED FORCES UNDER HONORABLE CONDITIONS AFTER 3 YEARS OR MORE OF CONTINUOUS ACTIVE SERVICE MAY APPLY.

REASONABLE ACCOMMODATIONS WILL BE MADE FOR QUALIFIED APPLICANTS OR EMPLOYEES WITH DISABILITIES, EXCEPT WHEN DOING SO WOULD POSE AN UNDUE HARDSHIP ON THE EMPLOYING AGENCY.

EXECUTIVE AGENCIES ARE PROHIBITED FROM ACCEPTING OR CONSIDERING APPLICANTS FOR COMPETITIVE APPOINTMENTS OR POSITIONS BASED ON POLITICAL RECOMMENDATIONS FROM MEMBERS OF CONGRESS, CONGRESSIONAL EMPLOYEES, ELECTED STATE OR LOCAL GOVERNMENT OFFICIALS, AND POLITICAL PARTY OFFICIALS. SUCH OFFICIALS MAY ONLY SUPPLY STATEMENTS REGARDING THE CHARACTER AND RESIDENCE OF THE APPLICANT.